NAME OF WORK : Improvements to Roads and Drains at Anjanadri Layout and Surrounding Area in Ward No 06 Thanisandra

EMB

Second and Final Bill

Pre-Measurement Sheet

(Book No.02)

Scanned by CamScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to Roads and Drains at Anjanadri Layout and Surrounding Area in Ward No 06 Nagasandra

Pre Measurement Sheet

Second and Final bill

Client: Sri vinaya Builders Prop.Kumar Raju K No: 10 Gokuka Nilaya, Dhanalakshmi L/O,Opp Indian oil Petrol Bank, Thindlu Main, Road, Bangalore-97

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth avg B	Depth (m)	Quantity	Remarks
Item no.4		Providing and laying Plain cement concrete of mix1:3:6 with OPC cement @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days Including cost of materials,labour, HOM curing form work, Scaffolding and Centering complete as per specifications. and as per the directions of the Engineer-in-charge of the work									
Measurements taken on											
		Quantity Measured in 1st RA Bill								272.34	
		3rd Cross Noor Masjid Road									
		East To West									
0	15		Cum	1	15.00	3.75	4.05	3.90	0.15	8.78	
15	30		Cum	1	15.00	4.05	3.50	3.78	0.15	8.49	
30	45		Cum	1	15.00	3.50	3.30	3.40	0.15	7.65	
45	60		Cum	1	15.00	3.30	3.40	3.35	0.15	7.54	
60	75		Cum	1	15.00	3.40	3.30	3.35	0.15	7.54	
75	90		Cum	1	15.00	3.30	4.00	3.65	0.15	8.21	
90	105		Cum	1	15.00	4.00	4.20	4.10	0.15	9.23	
105	119.4		Cum	1	14.40	4.20	4.40	4.30	0.15	9.29	
119.4	122.8		Cum	1	3.40	7.30	7.30	7.30	0.15	3.72	
122.8	128.5		Cum	1	5.70	3.45	3.15	3.30	0.15	2.82	
128.5	130.4		Cum	1	1.90	3.15	2.20	2.68	0.15	0.76	
		4th Cross Road									
		East To West									
0	15		Cum	1	15.00	3.75	3.45	3.60	0.15	8.10	
15	30		Cum	1	15.00	3.45	3.60	3.53	0.15	7.93	
30	45		Cum	1	15.00	3.60	3.10	3.35	0.15	7.54	
45	60		Cum	1	15.00	3.10	3.65	3.38	0.15	7.59	
60	75		Cum	1	15.00	3.65	3.70	3.68	0.15	8.27	
75	90		Cum	1	15.00	3.70	3.40	3.55	0.15	7.99	
90	105		Cum	1	15.00	3.40	3.30	3.35	0.15	7.54	
105	120		Cum	1	15.00	3.30	3.50	3.40	0.15	7.65	
120	126.9		Cum	1	6.90	3.50	3.40	3.45	0.15	3.57	
		5th Cross , SLS Store Opposite Road									
		North To South									
0	13.8		Cum	1	13.80	4.50	3.95	4.23	0.15	8.75	
13.8	15		Cum	1	1.20	4.85	4.75	4.80	0.15	0.86	
15	19.6		Cum	1	4.60	4.75	4.25	4.50	0.15	3.11	
19.6	25.1		Cum	1	5.50	3.85	3.90	3.88	0.15	3.20	
		6th Cross, Al Khayum Masjid Road									
		North To South									
0	8.7		Cum	1	8.70	2.50	3.10	2.80	0.15	3.65	
8.7	15		Cum	1	6.30	2.60	3.65	3.13	0.15	2.95	

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162.72

CONTRACTOR PMC ASSISTANT ENGINEER 25.01.2023 ASSISTANT EXECUTIVE ENGINEER

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Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth avg B	Depth (m)	Quantity	Remarks
15	17.8		Cum	1	2.80	3.65	3.75	3.70	0.15	1.55	
17.8	25.4		Cum	1	7.60	3.55	3.75	3.65	0.15	4.16	
25.4	30		Cum	1	4.60	4.70	4.70	4.70	0.15	3.24	
30	43.8		Cum	1	13.80	4.70	4.60	4.65	0.15	9.63	
43.8	46.4		Cum	1	2.60	4.60	4.10	4.35	0.15	1.70	
		8th Cross Road, Oormila Nilayam Opposite Road									
		North To South									
0	15		Cum	1	15.00	3.45	3.25	3.35	0.15	7.54	
15	26.21		Cum	1	11.21	3.25	2.95	3.10	0.15	5.21	
		Nagakaliyamma Temple Road									
		West To East									
0	4.4		Cum	1	4.40	4.70	4.90	4.80	0.15	3.17	
4.4	15		Cum	1	10.60	5.25	5.20	5.23	0.15	8.31	
15	30		Cum	1	15.00	5.20	5.05	5.13	0.15	11.53	
30	45		Cum	1	15.00	5.05	4.95	5.00	0.15	11.25	
45	60		Cum	1	15.00	4.95	4.90	4.93	0.15	11.08	
60	75		Cum	1	15.00	4.90	4.80	4.85	0.15	10.91	
75	90		Cum	1	15.00	4.80	4.95	4.88	0.15	10.97	
90	105		Cum	1	15.00	4.95	4.65	4.80	0.15	10.80	
105	120		Cum	1	15.00	4.65	3.80	4.23	0.15	9.51	
120	135		Cum	1	15.00	3.80	4.60	4.20	0.15	9.45	
135	150		Cum	1	15.00	4.60	4.75	4.68	0.15	10.52	
150	165		Cum	1	15.00	4.75	5.05	4.90	0.15	11.03	
165	180		Cum	1	15.00	5.05	5.40	5.23	0.15	11.76	
180	195		Cum	1	15.00	5.40	5.10	5.25	0.15	11.81	
195	210		Cum	1	15.00	5.10	5.00	5.05	0.15	11.36	
210	225		Cum	1	15.00	5.00	4.80	4.90	0.15	11.03	
225	240		Cum	1	15.00	4.80	4.65	4.73	0.15	10.63	
240	255		Cum	1	15.00	4.65	4.20	4.43	0.15	9.96	
255	270		Cum	1	15.00	4.20	4.65	4.43	0.15	9.96	
270	285.2		Cum	1	15.20	4.65	5.50	5.08	0.15	11.57	
		Culvert Ramp									
			Cum	1	4.50	1.90	1.90	1.90	0.15	1.28	
			Cum	1	4.40	1.80	1.80	1.80	0.15	1.19	
			Cum	1	3.75	1.15	1.15	1.15	0.15	0.65	
			Cum	1	3.60	0.90	0.90	0.90	0.15	0.49	
			Cum	1	5.00	1.20	1.20	1.20	0.15	0.90	
			Cum	1	5.00	1.15	1.15	1.15	0.15	0.86	
			Cum	1	5.00	1.10	1.10	1.10	0.15	0.83	
			Cum	1	5.00	1.10	1.10	1.10	0.15	0.83	
			Cum	1	5.00	1.10	1.10	1.10	0.15	0.83	
		Deduction									
		Manhole									
			Cum	-1	0.64				0.15	-1.34	
					(3.14X0.9X0.9)=0.64						

24.6.13

CIVIL Pro
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Date.....
BANGALORE

CONTRACTOR

PMC

ಸಹಾಯಕ ಅಭಿಯಂತರರು 25-01-2013
ASSISTANT ENGINEER
ಬಿ.ಬಿ.ಎಂ.ಪಿ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ASSISTANT EXECUTIVE ENGINEER
ಸಹಾಯಕ ಕಾರ್ಯ ನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

Scanned by CamScanner

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth avg B	Depth (m)	Quantity	Remarks
		Chamber	Cum	-12	0.45	0.45	0.45	0.45	0.15	-0.36	
			Cum	-1	0.75	0.75	0.75	0.75	0.15	-0.08	
		Chamber	Cum	-1	0.60	0.75	0.75	0.75	0.15	-0.07	
		Tree Pot	Cum	-1	0.70	0.70	0.70	0.70	0.15	-0.07	
			Cum	-1	0.45	0.45	0.45	0.45	0.15	-0.03	
			Cum	-1	0.65	0.60	0.60	0.60	0.15	-0.06	
		steps									
			Cum	-1	1.00	0.60	0.60	0.60	0.15	-0.09	
			Cum	-1	1.50	0.60	0.60	0.60	0.15	-0.14	
			Cum	-1	3.80	0.90	0.90	0.90	0.15	-0.51	
			Cum	-1	1.80	0.85	0.85	0.85	0.15	-0.23	
									Total Executed Quantity	679.55	
									Qty Carried to Summary	679.55	

71.65

CIVIL Pro
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BANGALORE

CONTRACTOR

PMC

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ASSISTANT ENGINEER
ಬಿ.ಬಿ.ಎಂ.ಪಿ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ASSISTANT EXECUTIVE ENGINEER
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

Scanned by CamScanner

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth avg B	Depth (m)	Quantity	Remarks
Item no.09		Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications and as per the directions of the Engineer-in-charge of the work									
Measurements taken on											
		3rd Cross Noor Masjid Road									
		East To West									
0	15		Cum	1	15.00	3.75	4.05	3.90	0.45	26.33	
15	30		Cum	1	15.00	4.05	3.50	3.78	0.45	25.48	
30	45		Cum	1	15.00	3.50	3.30	3.40	0.45	22.95	
45	60		Cum	1	15.00	3.30	3.40	3.35	0.45	22.61	
60	75		Cum	1	15.00	3.40	3.30	3.35	0.45	22.61	
75	90		Cum	1	15.00	3.30	4.00	3.65	0.45	24.64	
90	105		Cum	1	15.00	4.00	4.20	4.10	0.45	27.68	
105	119.4		Cum	1	14.40	4.20	4.40	4.30	0.45	27.86	
119.4	122.8		Cum	1	3.40	7.30	7.30	7.30	0.45	11.17	
122.8	128.5		Cum	1	5.70	3.45	3.15	3.30	0.45	8.46	
128.5	130.4		Cum	1	1.90	3.15	2.20	2.68	0.45	2.29	
		4th Cross Road									
		East To West									
0	15		Cum	1	15.00	3.75	3.45	3.60	0.45	24.30	
15	30		Cum	1	15.00	3.45	3.60	3.53	0.45	23.79	
30	45		Cum	1	15.00	3.60	3.10	3.35	0.45	22.61	
45	60		Cum	1	15.00	3.10	3.65	3.38	0.45	22.78	
60	75		Cum	1	15.00	3.65	3.70	3.68	0.45	24.81	
75	90		Cum	1	15.00	3.70	3.40	3.55	0.45	23.96	
90	105		Cum	1	15.00	3.40	3.30	3.35	0.45	22.61	
105	120		Cum	1	15.00	3.30	3.50	3.40	0.45	22.95	
120	126.9		Cum	1	6.90	3.50	3.40	3.45	0.45	10.71	
		5th Cross , SLS Store Opposite Road									
		North To South									
0	13.8		Cum	1	13.80	4.50	3.95	4.23	0.45	26.24	
13.8	15		Cum	1	1.20	4.85	4.75	4.80	0.45	2.59	
15	19.6		Cum	1	4.60	4.75	4.25	4.50	0.45	9.32	
19.6	25.1		Cum	1	5.50	3.85	3.90	3.88	0.45	9.59	
		6th Cross, Al Khayum Masjid Road									
		North To South									
0	8.7		Cum	1	8.70	2.50	3.10	2.80	0.45	10.96	
8.7	15		Cum	1	6.30	2.60	3.65	3.13	0.45	8.86	
15	17.8		Cum	1	2.80	3.65	3.75	3.70	0.45	4.66	
17.8	25.4		Cum	1	7.60	3.55	3.75	3.65	0.45	12.48	
25.4	30		Cum	1	4.60	4.70	4.70	4.70	0.45	9.73	
30	43.8		Cum	1	13.80	4.70	4.60	4.65	0.45	28.88	
43.8	46.4		Cum	1	2.60	4.60	4.10	4.35	0.45	5.09	
		8th Cross Road, Oormila Nilayam Opposite Road									
		North To South									
0	15		Cum	1	15.00	3.45	3.25	3.35	0.45	22.61	
15	26.21		Cum	1	11.21	3.25	2.95	3.10	0.45	15.64	

587.26

CIVIL Pro Sig..... Date..... BANGALORE

CONTRACTOR PMC

ಸಹಾಯಕ ಅಭಿಯಂತರರು 12.01.2023
ASSISTANT ENGINEER
ಬಿ.ಬಿ.ಎಂ.ಪಿ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ASSISTANT EXECUTIVE ENGINEER 12/01
ಸಹಾಯಕ ಕಾರ್ಯ ನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು

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Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth avg B	Depth (m)	Quantity	Remarks
		Nagakaliyamma Temple Road									
		West To East									
0	4.4		Cum	1	4.40	4.70	4.90	4.80	0.48	10.03	
4.4	15		Cum	1	10.60	5.25	5.20	5.23	0.48	26.31	
15	30		Cum	1	15.00	5.20	5.05	5.13	0.48	36.52	
30	45		Cum	1	15.00	5.05	4.95	5.00	0.48	35.63	
45	60		Cum	1	15.00	4.95	4.90	4.93	0.48	35.09	
60	75		Cum	1	15.00	4.90	4.80	4.85	0.48	34.56	
75	90		Cum	1	15.00	4.80	4.95	4.88	0.48	34.73	
90	105		Cum	1	15.00	4.95	4.65	4.80	0.48	34.20	
105	120		Cum	1	15.00	4.65	3.80	4.23	0.48	30.10	
120	135		Cum	1	15.00	3.80	4.60	4.20	0.48	29.93	
135	150		Cum	1	15.00	4.60	4.75	4.68	0.48	33.31	
150	165		Cum	1	15.00	4.75	5.05	4.90	0.48	34.91	
165	180		Cum	1	15.00	5.05	5.40	5.23	0.48	37.23	
180	195		Cum	1	15.00	5.40	5.10	5.25	0.48	37.41	
195	210		Cum	1	15.00	5.10	5.00	5.05	0.48	35.98	
210	225		Cum	1	15.00	5.00	4.80	4.90	0.48	34.91	
225	240		Cum	1	15.00	4.80	4.65	4.73	0.48	33.67	
240	255		Cum	1	15.00	4.65	4.20	4.43	0.48	31.53	
255	270		Cum	1	15.00	4.20	4.65	4.43	0.48	31.53	
270	285.2		Cum	1	15.20	4.65	5.50	5.08	0.48	36.64	
		Deduction									
		Manhole									
			Cum	-14	0.64				0.45	-4.01	
					(3.14X0.9X0.9)=0.64						
		Chamber	Cum	-12	0.45	0.45	0.45	0.45	0.45	-1.09	
			Cum	-1	0.75	0.75	0.75	0.75	0.45	-0.25	
		Chamber	Cum	-1	0.60	0.75	0.75	0.75	0.45	-0.20	
		Tree Pot	Cum	-1	0.70	0.70	0.70	0.70	0.45	-0.22	
			Cum	-1	0.45	0.45	0.45	0.45	0.45	-0.09	
			Cum	-1	0.65	0.60	0.60	0.60	0.45	-0.18	
		steps									
			Cum	-1	1.00	0.60	0.60	0.60	0.45	-0.27	
			Cum	-1	1.50	0.60	0.60	0.60	0.45	-0.41	
			Cum	-1	3.80	0.90	0.90	0.90	0.45	-1.54	
			Cum	-1	1.80	0.85	0.85	0.85	0.45	-0.69	
									Total Executed Quantity	1232.51	
									Qty Carried to Summary	1232.51	

CIVIL P10
Sig.....
Date.....
BANGALORE

CONTRACTOR

PMC

ASSISTANT ENGINEER
ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ASSISTANT EXECUTIVE ENGINEER
ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

Scanned by CamScanner

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth avg B	Depth (m)	Quantity	Remarks
Item no.10		Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per specifications. and as per the directions of the Engineer-in-charge of the work									
Measurements taken on											
		3rd Cross Noor Masjid Road									
		East To West									
0	15		Sqm	1	15.00	3.75	4.05	3.90		58.50	
15	30		Sqm	1	15.00	4.05	3.50	3.78		56.63	
30	45		Sqm	1	15.00	3.50	3.30	3.40		51.00	
45	60		Sqm	1	15.00	3.30	3.40	3.35		50.25	
60	75		Sqm	1	15.00	3.40	3.30	3.35		50.25	
75	90		Sqm	1	15.00	3.30	4.00	3.65		54.75	
90	105		Sqm	1	15.00	4.00	4.20	4.10		61.50	
105	119.4		Sqm	1	14.40	4.20	4.40	4.30		61.92	
119.4	122.8		Sqm	1	3.40	7.30	7.30	7.30		24.82	
122.8	128.5		Sqm	1	5.70	3.45	3.15	3.30		18.81	
128.5	130.4		Sqm	1	1.90	3.15	2.20	2.68		5.08	
		4th Cross Road									
		East To West									
0	15		Sqm	1	15.00	3.75	3.45	3.60		54.00	
15	30		Sqm	1	15.00	3.45	3.60	3.53		52.88	
30	45		Sqm	1	15.00	3.60	3.10	3.35		50.25	
45	60		Sqm	1	15.00	3.10	3.65	3.38		50.63	
60	75		Sqm	1	15.00	3.65	3.70	3.68		55.13	
75	90		Sqm	1	15.00	3.70	3.40	3.55		53.25	
90	105		Sqm	1	15.00	3.40	3.30	3.35		50.25	
105	120		Sqm	1	15.00	3.30	3.50	3.40		51.00	
120	126.9		Sqm	1	6.90	3.50	3.40	3.45		23.81	
		5th Cross , SLS Store Opposite Road									
		North To South									
0	13.8		Sqm	1	13.80	4.50	3.95	4.23		58.31	
13.8	15		Sqm	1	1.20	4.85	4.75	4.80		5.76	
15	19.6		Sqm	1	4.60	4.75	4.25	4.50		20.70	
19.6	25.1		Sqm	1	5.50	3.85	3.90	3.88		21.31	
		6th Cross, Al Khayum Masjid Road									
		North To South									
0	8.7		Sqm	1	8.70	2.50	3.10	2.80		24.36	
8.7	15		Sqm	1	6.30	2.60	3.65	3.13		19.69	
15	17.8		Sqm	1	2.80	3.65	3.75	3.70		10.36	
17.8	25.4		Sqm	1	7.60	3.55	3.75	3.65		27.74	
25.4	30		Sqm	1	4.60	4.70	4.70	4.70		21.62	
30	43.8		Sqm	1	13.80	4.70	4.60	4.65		64.17	
43.8	46.4		Sqm	1	2.60	4.60	4.10	4.35		11.31	
		8th Cross Road, Oormila Nilayam Opposite Road									
		North To South									
0	15		Sqm	1	15.00	3.45	3.25	3.35		50.25	
15	26.21		Sqm	1	11.21	3.25	2.95	3.10		34.75	

1305.01

CIVIL Pro Sig..... Date..... BANGALORE

CONTRACTOR

PMC

ASSISTANT ENGINEER
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ASSISTANT EXECUTIVE ENGINEER

Scanned by CamScanner

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth avg B	Depth (m)	Quantity	Remarks
		Nagakaliyamma Temple Road									
		West To East									
0	4.4		Sqm	1	4.40	4.70	4.90	4.80		21.12	
4.4	15		Sqm	1	10.60	5.25	5.20	5.23		55.39	
15	30		Sqm	1	15.00	5.20	5.05	5.13		76.88	
30	45		Sqm	1	15.00	5.05	4.95	5.00		75.00	
45	60		Sqm	1	15.00	4.95	4.90	4.93		73.88	
60	75		Sqm	1	15.00	4.90	4.80	4.85		72.75	
75	90		Sqm	1	15.00	4.80	4.95	4.88		73.13	
90	105		Sqm	1	15.00	4.95	4.65	4.80		72.00	
105	120		Sqm	1	15.00	4.65	3.80	4.23		63.38	
120	135		Sqm	1	15.00	3.80	4.60	4.20		63.00	
135	150		Sqm	1	15.00	4.60	4.75	4.68		70.13	
150	165		Sqm	1	15.00	4.75	5.05	4.90		73.50	
165	180		Sqm	1	15.00	5.05	5.40	5.23		78.38	
180	195		Sqm	1	15.00	5.40	5.10	5.25		78.75	
195	210		Sqm	1	15.00	5.10	5.00	5.05		75.75	
210	225		Sqm	1	15.00	5.00	4.80	4.90		73.50	
225	240		Sqm	1	15.00	4.80	4.65	4.73		70.88	
240	255		Sqm	1	15.00	4.65	4.20	4.43		66.38	
255	270		Sqm	1	15.00	4.20	4.65	4.43		66.38	
270	285.2		Sqm	1	15.20	4.65	5.50	5.08		77.14	
		Deduction									
		Manhole									
			Sqm	-14	0.64					-8.90	
					(3.14X0.9X0.9)=0.64						
		Chamber	Sqm	-12	0.45	0.45	0.45	0.45		-2.43	
			Sqm	-1	0.75	0.75	0.75	0.75		-0.56	
		Chamber	Sqm	-1	0.60	0.75	0.75	0.75		-0.45	
		Tree Pot	Sqm	-1	0.70	0.70	0.70	0.70		-0.49	
			Sqm	-1	0.45	0.45	0.45	0.45		-0.20	
			Sqm	-1	0.65	0.60	0.60	0.60		-0.39	
		steps									
			Sqm	-0	1.00	0.60	0.60	0.60		-0.60	
			Sqm	-1	1.50	0.60	0.60	0.60		-0.90	
			Sqm	-1	3.80	0.90	0.90	0.90		-3.42	
			Sqm	-1	1.80	0.85	0.85	0.85		-1.53	
									Total Executed Quantity	2662.40	
									Qty Carried to Summary	2662.40	

1357.39

CONTRACTOR

PMC

CIVIL Pro Sig..... Date..... BANGALORE

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ASSISTANT ENGINEER
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ASSISTANT EXECUTIVE ENGINEER
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

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Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth avg B	Depth (m)	Quantity	Remarks
Item no.11		Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications and as per the directions of the Engineer-in-charge of the work									
Measurements taken on											
		3rd Cross Noor Masjid Road									
		East To West									
0	15		Cum	1	15.00	3.75	4.05	3.90	0.15	8.78	
15	30		Cum	1	15.00	4.05	3.50	3.78	0.15	8.49	
30	45		Cum	1	15.00	3.50	3.30	3.40	0.15	7.65	
45	60		Cum	1	15.00	3.30	3.40	3.35	0.15	7.54	
60	75		Cum	1	15.00	3.40	3.30	3.35	0.15	7.54	
75	90		Cum	1	15.00	3.30	4.00	3.65	0.15	8.21	
90	105		Cum	1	15.00	4.00	4.20	4.10	0.15	9.23	
105	119.4		Cum	1	14.40	4.20	4.40	4.30	0.15	9.29	
119.4	122.8		Cum	1	3.40	7.30	7.30	7.30	0.15	3.72	
122.8	128.5		Cum	1	5.70	3.45	3.15	3.30	0.15	2.82	
128.5	130.4		Cum	1	1.90	3.15	2.20	2.68	0.15	0.76	
		4th Cross Road									
		East To West									
0	15		Cum	1	15.00	3.75	3.45	3.60	0.15	8.10	
15	30		Cum	1	15.00	3.45	3.60	3.53	0.15	7.93	
30	45		Cum	1	15.00	3.60	3.10	3.35	0.15	7.54	
45	60		Cum	1	15.00	3.10	3.65	3.38	0.15	7.59	
60	75		Cum	1	15.00	3.65	3.70	3.68	0.15	8.27	
75	90		Cum	1	15.00	3.70	3.40	3.55	0.15	7.99	
90	105		Cum	1	15.00	3.40	3.30	3.35	0.15	7.54	
105	120		Cum	1	15.00	3.30	3.50	3.40	0.15	7.65	
120	126.9		Cum	1	6.90	3.50	3.40	3.45	0.15	3.57	
		5th Cross , SLS Store Opposite Road									
		North To South									
0	13.8		Cum	1	13.80	4.50	3.95	4.23	0.15	8.75	
13.8	15		Cum	1	1.20	4.85	4.75	4.80	0.15	0.86	
15	19.6		Cum	1	4.60	4.75	4.25	4.50	0.15	3.11	
19.6	25.1		Cum	1	5.50	3.85	3.90	3.88	0.15	3.20	
		6th Cross, Al Khayum Masjid Road									
		North To South									
0	8.7		Cum	1	8.70	2.50	3.10	2.80	0.15	3.65	
8.7	15		Cum	1	6.30	2.60	3.65	3.13	0.15	2.95	
15	17.8		Cum	1	2.80	3.65	3.75	3.70	0.15	1.55	
17.8	25.4		Cum	1	7.60	3.55	3.75	3.65	0.15	4.16	
25.4	30		Cum	1	4.60	4.70	4.70	4.70	0.15	3.24	
30	43.8		Cum	1	13.80	4.70	4.60	4.65	0.15	9.63	
43.8	46.4		Cum	1	2.60	4.60	4.10	4.35	0.15	1.70	
		8th Cross Road, Oormila Nilayam Opposite Road									
		North To South									
0	15		Cum	1	15.00	3.45	3.25	3.35	0.15	7.54	
15	26.21		Cum	1	11.21	3.25	2.95	3.10	0.15	5.21	

195.75

CIVIL Pro Sig..... Date..... BANGALORE

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ಸಹಾಯಕ ಅಭಿಯಂತರರು
ASSISTANT ENGINEER
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ASSISTANT EXECUTIVE ENGINEER
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

Scanned by CamScanner

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth avg B	Depth (m)	Quantity	Remarks
		Nagakaliyamma Temple Road West To East									
0	4.4		Cum	1	4.40	4.70	4.90	4.80	0.175	3.70	
4.4	15		Cum	1	10.60	5.25	5.20	5.23	0.175	9.69	
15	30		Cum	1	15.00	5.20	5.05	5.13	0.175	13.45	
30	45		Cum	1	15.00	5.05	4.95	5.00	0.175	13.13	
45	60		Cum	1	15.00	4.95	4.90	4.93	0.175	12.93	
60	75		Cum	1	15.00	4.90	4.80	4.85	0.175	12.73	
75	90		Cum	1	15.00	4.80	4.95	4.88	0.175	12.80	
90	105		Cum	1	15.00	4.95	4.65	4.80	0.175	12.60	
105	120		Cum	1	15.00	4.65	3.80	4.23	0.175	11.09	
120	135		Cum	1	15.00	3.80	4.60	4.20	0.175	11.03	
135	150		Cum	1	15.00	4.60	4.75	4.68	0.175	12.27	
150	165		Cum	1	15.00	4.75	5.05	4.90	0.175	12.86	
165	180		Cum	1	15.00	5.05	5.40	5.23	0.175	13.72	
180	195		Cum	1	15.00	5.40	5.10	5.25	0.175	13.78	
195	210		Cum	1	15.00	5.10	5.00	5.05	0.175	13.26	
210	225		Cum	1	15.00	5.00	4.80	4.90	0.175	12.86	
225	240		Cum	1	15.00	4.80	4.65	4.73	0.175	12.40	
240	255		Cum	1	15.00	4.65	4.20	4.43	0.175	11.62	
255	270		Cum	1	15.00	4.20	4.65	4.43	0.175	11.62	
270	285.2		Cum	1	15.20	4.65	5.50	5.08	0.175	13.50	
		Deduction									
		Manhole	Cum	-14	0.64				0.15	-1.34	
					(3.14X0.9X0.9)=0.64						
		Chamber	Cum	-12	0.45	0.45	0.45	0.45	0.15	-0.36	
			Cum	-1	0.75	0.75	0.75	0.75	0.15	-0.08	
		Chamber	Cum	-1	0.60	0.75	0.75	0.75	0.15	-0.07	
		Tree Pot	Cum	-1	0.70	0.70	0.70	0.70	0.15	-0.07	
			Cum	-1	0.45	0.45	0.45	0.45	0.15	-0.03	
			Cum	-1	0.65	0.60	0.60	0.60	0.15	-0.06	
		steps									
			Cum	-1	1.00	0.60	0.60	0.60	0.15	-0.09	
			Cum	-1	1.50	0.60	0.60	0.60	0.15	-0.14	
			Cum	-1	3.80	0.90	0.90	0.90	0.15	-0.51	
			Cum	-1	1.80	0.85	0.85	0.85	0.15	-0.23	238.04
								Total Executed Quantity		433.79	
								Qty Carried to Summary		433.79	

CIVIL P1O
Sig.....
Date.....
BANGALORE

CONTRACTOR

PMC

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ASSISTANT ENGINEER
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ASSISTANT EXECUTIVE ENGINEER
ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

Scanned by CamScanner

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth avg B	Depth (m)	Quantity	Remarks
E1		Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in Ordinary soil not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m after breaking of clods complete as per specifications and directions of the Engineer in charge.									
Measurements taken on											
		3rd Cross Noor Masjid Road East To West									
0.00	15.00		Cum	1	15.00	0.60	0.60	0.60	0.75	6.75	
15.00	30.00		Cum	1	15.00	0.60	0.60	0.60	0.75	6.75	
30.00	45.00		Cum	1	15.00	0.60	0.60	0.60	0.75	6.75	
45.00	60.00		Cum	1	15.00	0.60	0.60	0.60	0.75	6.75	
60.00	75.00		Cum	1	15.00	0.60	0.60	0.60	0.75	6.75	
75.00	90.00		Cum	1	15.00	0.60	0.60	0.60	0.75	6.75	
90.00	105.00		Cum	1	15.00	0.60	0.60	0.60	0.75	6.75	
105.00	119.40		Cum	1	14.40	0.60	0.60	0.60	0.75	6.48	
119.40	122.80		Cum	1	3.40	0.60	0.60	0.60	0.75	1.53	
122.80	128.50		Cum	1	5.70	0.60	0.60	0.60	0.75	2.57	
128.50	130.40		Cum	1	1.90	0.60	0.60	0.60	0.75	0.86	
		4th Cross Road East To West									
0.00	15.00		Cum	1	15.00	0.60	0.60	0.60	0.75	6.75	
15.00	30.00		Cum	1	15.00	0.60	0.60	0.60	0.75	6.75	
30.00	45.00		Cum	1	15.00	0.60	0.60	0.60	0.75	6.75	
45.00	60.00		Cum	1	15.00	0.60	0.60	0.60	0.75	6.75	
60.00	75.00		Cum	1	15.00	0.60	0.60	0.60	0.75	6.75	
75.00	90.00		Cum	1	15.00	0.60	0.60	0.60	0.75	6.75	
90.00	105.00		Cum	1	15.00	0.60	0.60	0.60	0.75	6.75	
105.00	120.00		Cum	1	15.00	0.60	0.60	0.60	0.75	6.75	
120.00	126.90		Cum	1	6.90	0.60	0.60	0.60	0.75	3.11	
		Nagakaliyamma Temple Road West To East									
0.00	4.40		Cum	1	4.40	0.60	0.60	0.60	0.75	1.98	
4.40	15.00		Cum	1	10.60	0.60	0.60	0.60	0.75	4.77	
15.00	30.00		Cum	1	15.00	0.60	0.60	0.60	0.75	6.75	
30.00	45.00		Cum	1	15.00	0.60	0.60	0.60	0.75	6.75	
45.00	60.00		Cum	1	15.00	0.60	0.60	0.60	0.75	6.75	
60.00	75.00		Cum	1	15.00	0.60	0.60	0.60	0.75	6.75	
75.00	90.00		Cum	1	15.00	0.60	0.60	0.60	0.75	6.75	
90.00	105.00		Cum	1	15.00	0.60	0.60	0.60	0.75	6.75	
105.00	120.00		Cum	1	15.00	0.60	0.60	0.60	0.75	6.75	
120.00	135.00		Cum	1	15.00	0.60	0.60	0.60	0.75	6.75	
135.00	150.00		Cum	1	15.00	0.60	0.60	0.60	0.75	6.75	
150.00	165.00		Cum	1	15.00	0.60	0.60	0.60	0.75	6.75	
165.00	180.00		Cum	1	15.00	0.60	0.60	0.60	0.75	6.75	
180.00	195.00		Cum	1	15.00	0.60	0.60	0.60	0.75	6.75	
195.00	210.00		Cum	1	15.00	0.60	0.60	0.60	0.75	6.75	
210.00	225.00		Cum	1	15.00	0.60	0.60	0.60	0.75	6.75	
225.00	240.00		Cum	1	15.00	0.60	0.60	0.60	0.75	6.75	
240.00	255.00		Cum	1	15.00	0.60	0.60	0.60	0.75	6.75	
255.00	270.00		Cum	1	15.00	0.60	0.60	0.60	0.75	6.75	
270.00	285.20		Cum	1	15.20	0.60	0.60	0.60	0.75	6.84	
									Total Executed Quantity	244.13	
									Qty Carried to Summary	244.13	

244.13

CONTRACTOR

PMC

CIVIL Pro Sig Date BANGALORE

ASSISTANT ENGINEER

ASSISTANT EXECUTIVE ENGINEER

Scanned by CamScanner

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth avg B	Depth (m)	Quantity	Remarks
E2		Providing and installing at site of work 63mm (0.662) PVC Pipes of 6kg / cm2 including cost of pipes and specials and labour, including lowering into trenches, laying true to line, level and perfect linking at joints leak proof including joining of approved type with all labour and lift charges, handling charges including encasing the pipe alround to a depth not less than 15cms with gravel or selected earth available from the excavation etc., complete as per specifications and directions of the Engineer in									
Measurements taken on											
		3rd Cross Noor Masjid Road									
		East To West									
0.00	15.00		m	1	15.00					15.00	
15.00	30.00		m	1	15.00					15.00	
30.00	45.00		m	1	15.00					15.00	
45.00	60.00		m	1	15.00					15.00	
60.00	75.00		m	1	15.00					15.00	
75.00	90.00		m	1	15.00					15.00	
90.00	105.00		m	1	15.00					15.00	
105.00	119.40		m	1	14.40					14.40	
119.40	122.80		m	1	3.40					3.40	
122.80	128.50		m	1	5.70					5.70	
128.50	130.40		m	1	1.90					1.90	
		4th Cross Road									
		East To West									
0.00	15.00		m	1	15.00					15.00	
15.00	30.00		m	1	15.00					15.00	
30.00	45.00		m	1	15.00					15.00	
45.00	60.00		m	1	15.00					15.00	
60.00	75.00		m	1	15.00					15.00	
75.00	90.00		m	1	15.00					15.00	
90.00	105.00		m	1	15.00					15.00	
105.00	120.00		m	1	15.00					15.00	
120.00	126.90		m	1	6.90					6.90	
		Nagakaliyamma Temple Road									
		West To East									
0.00	4.40		m	1	4.40					4.40	
4.40	15.00		m	1	10.60					10.60	
15.00	30.00		m	1	15.00					15.00	
30.00	45.00		m	1	15.00					15.00	
45.00	60.00		m	1	15.00					15.00	
60.00	75.00		m	1	15.00					15.00	
75.00	90.00		m	1	15.00					15.00	
90.00	105.00		m	1	15.00					15.00	
105.00	120.00		m	1	15.00					15.00	
120.00	135.00		m	1	15.00					15.00	
135.00	150.00		m	1	15.00					15.00	
150.00	165.00		m	1	15.00					15.00	
165.00	180.00		m	1	15.00					15.00	
180.00	195.00		m	1	15.00					15.00	
195.00	210.00		m	1	15.00					15.00	
210.00	225.00		m	1	15.00					15.00	
225.00	240.00		m	1	15.00					15.00	
240.00	255.00		m	1	15.00					15.00	
255.00	270.00		m	1	15.00					15.20	
270.00	285.20		m	1	15.20						
									Total Executed Quantity	**542.50**	
									Qty Carried to Summary	**542.50**	

CONTRACTOR

CIVIL Pro Sig..... Date..... BANGALORE

PMC

ASSISTANT ENGINEER

ಸಹಾಯಕ ಅಭಿಯಂತರರು ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ASSISTANT ENGINEER

ಸಹಾಯಕ ಅಭಿಯಂತರರು ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

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Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth avg B	Depth (m)	Quantity	Remarks
E3		Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m and lift upto 1.5m including cost of all labour complete as per specifications and directions of the Engineer in charge.									
Measurements taken on											
		3rd Cross Noor Masjid Road									
		East To West									
0.00	15.00		Cum	1	15.00	0.60	0.60	0.60	0.75	6.75	
15.00	30.00		Cum	1	15.00	0.60	0.60	0.60	0.75	6.75	
30.00	45.00		Cum	1	15.00	0.60	0.60	0.60	0.75	6.75	
45.00	60.00		Cum	1	15.00	0.60	0.60	0.60	0.75	6.75	
60.00	75.00		Cum	1	15.00	0.60	0.60	0.60	0.75	6.75	
75.00	90.00		Cum	1	15.00	0.60	0.60	0.60	0.75	6.75	
90.00	105.00		Cum	1	15.00	0.60	0.60	0.60	0.75	6.75	
105.00	119.40		Cum	1	14.40	0.60	0.60	0.60	0.75	6.48	
119.40	122.80		Cum	1	3.40	0.60	0.60	0.60	0.75	1.53	
122.80	128.50		Cum	1	5.70	0.60	0.60	0.60	0.75	2.57	
128.50	130.40		Cum	1	1.90	0.60	0.60	0.60	0.75	0.86	
		4th Cross Road									
		East To West									
0.00	15.00		Cum	1	15.00	0.60	0.60	0.60	0.75	6.75	
15.00	30.00		Cum	1	15.00	0.60	0.60	0.60	0.75	6.75	
30.00	45.00		Cum	1	15.00	0.60	0.60	0.60	0.75	6.75	
45.00	60.00		Cum	1	15.00	0.60	0.60	0.60	0.75	6.75	
60.00	75.00		Cum	1	15.00	0.60	0.60	0.60	0.75	6.75	
75.00	90.00		Cum	1	15.00	0.60	0.60	0.60	0.75	6.75	
90.00	105.00		Cum	1	15.00	0.60	0.60	0.60	0.75	6.75	
105.00	120.00		Cum	1	15.00	0.60	0.60	0.60	0.75	6.75	
120.00	126.90		Cum	1	6.90	0.60	0.60	0.60	0.75	3.11	
		Nagakaliyamma Temple Road									
		West To East									
0.00	4.40		Cum	1	4.40	0.60	0.60	0.60	0.75	1.98	
4.40	15.00		Cum	1	10.60	0.60	0.60	0.60	0.75	4.77	
15.00	30.00		Cum	1	15.00	0.60	0.60	0.60	0.75	6.75	
30.00	45.00		Cum	1	15.00	0.60	0.60	0.60	0.75	6.75	
45.00	60.00		Cum	1	15.00	0.60	0.60	0.60	0.75	6.75	
60.00	75.00		Cum	1	15.00	0.60	0.60	0.60	0.75	6.75	
75.00	90.00		Cum	1	15.00	0.60	0.60	0.60	0.75	6.75	
90.00	105.00		Cum	1	15.00	0.60	0.60	0.60	0.75	6.75	
105.00	120.00		Cum	1	15.00	0.60	0.60	0.60	0.75	6.75	
120.00	135.00		Cum	1	15.00	0.60	0.60	0.60	0.75	6.75	
135.00	150.00		Cum	1	15.00	0.60	0.60	0.60	0.75	6.75	
150.00	165.00		Cum	1	15.00	0.60	0.60	0.60	0.75	6.75	
165.00	180.00		Cum	1	15.00	0.60	0.60	0.60	0.75	6.75	
180.00	195.00		Cum	1	15.00	0.60	0.60	0.60	0.75	6.75	
195.00	210.00		Cum	1	15.00	0.60	0.60	0.60	0.75	6.75	
210.00	225.00		Cum	1	15.00	0.60	0.60	0.60	0.75	6.75	
225.00	240.00		Cum	1	15.00	0.60	0.60	0.60	0.75	6.75	
240.00	255.00		Cum	1	15.00	0.60	0.60	0.60	0.75	6.75	
255.00	270.00		Cum	1	15.00	0.60	0.60	0.60	0.75	6.75	
270.00	285.20		Cum	1	15.20	0.60	0.60	0.60	0.75	6.84	24.4.13
									Total Executed Quantity	244.13	
									Qty Carried to Summary	244.13	

CIVIL Pro Sig..... Date..... BANGALORE

CONTRACTOR

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